CLAIMS

What is claimed is:

1.   1.   A service for removing a node from a multi-node computer, the service comprising:

2.   receiving a system management interrupt (SMI) in a node in a multi-node computer;

3.   quiescenting only the node receiving the SMI;

4.   polling other nodes in the multi-node computer to determine if the SMI affects an

5.   operation of any of the other nodes;

6.   quiescenting any other SMI affected node; and

7.   transferring all of the contents of any affected node's system memory to a backup

8.   memory in an unaffected node in the multi-node computer, wherein the unaffected node assumes

9.   all operations of the node that received the SMI, thus allowing the node to be removed from the

10.   multi-node computer.

1.   2.   The service of claim 1, wherein the SMI is in response to a request to hot-swap out the

2.   node.

1.   3.   The service of claim 1, wherein the SMI is in response to a predicted failure of the node.